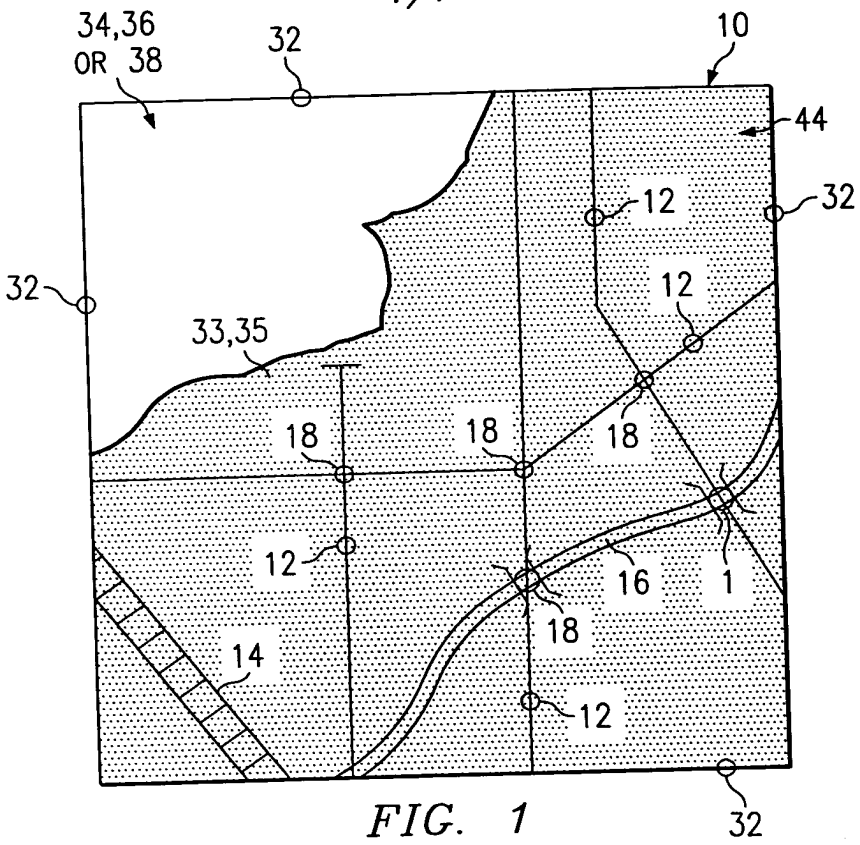
34,36
OR 38
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12
16
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18
14
12
32

FIG. 1

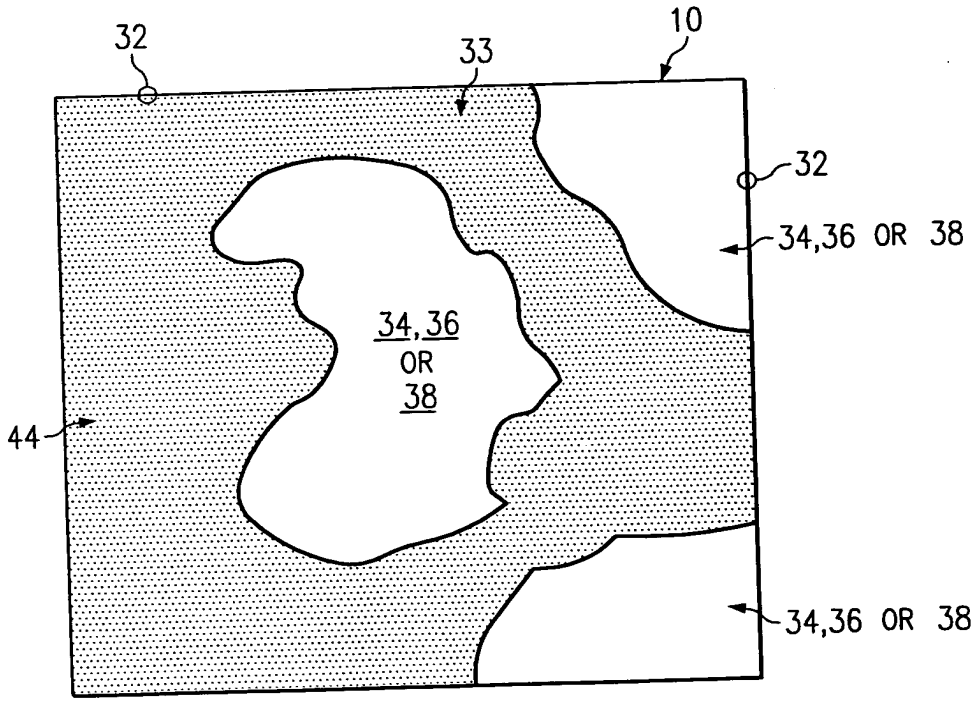

32
33
10
32
34,36 OR 38
34,36
OR
38
44
34,36 OR 38

FIG. 3

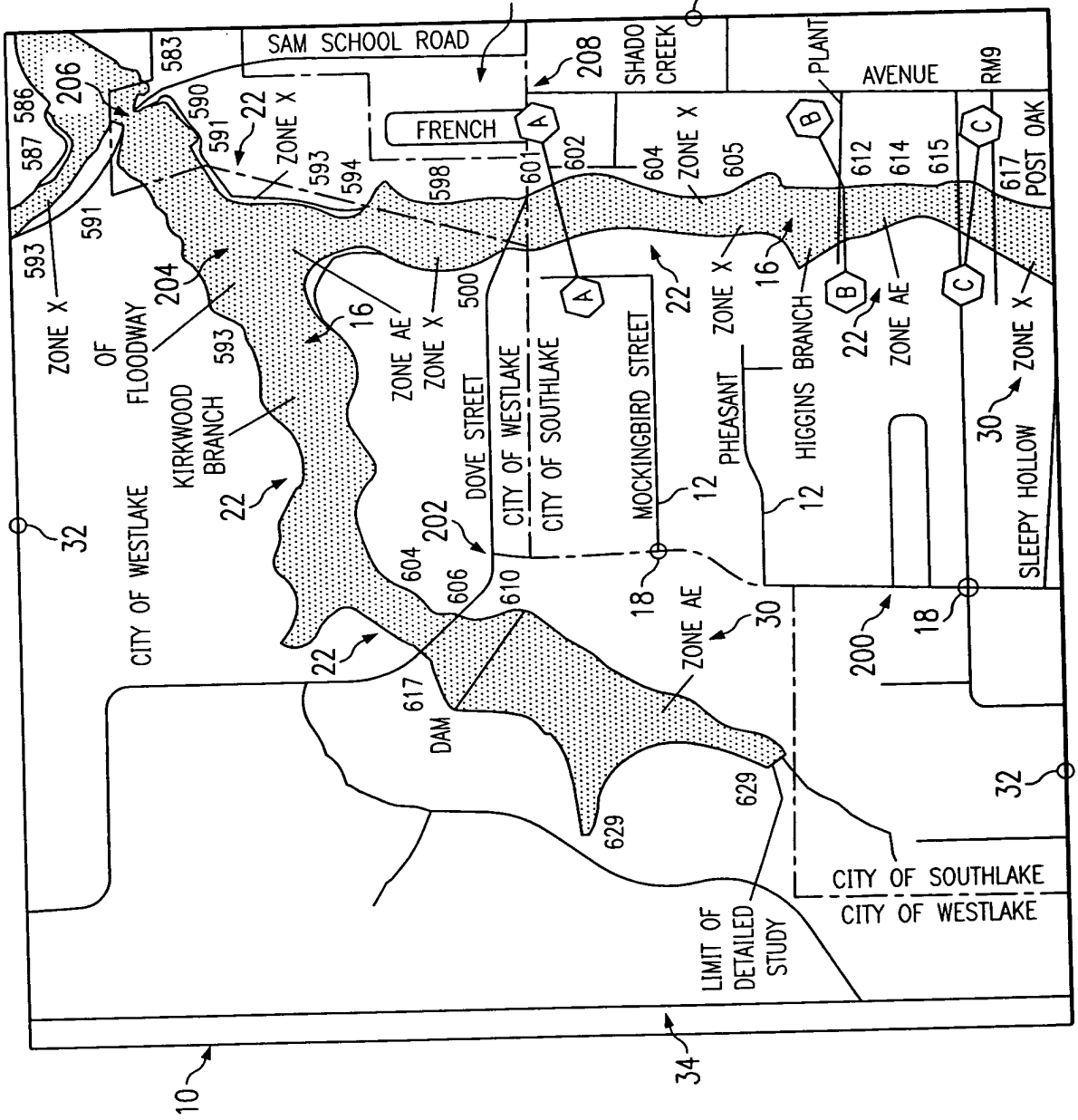
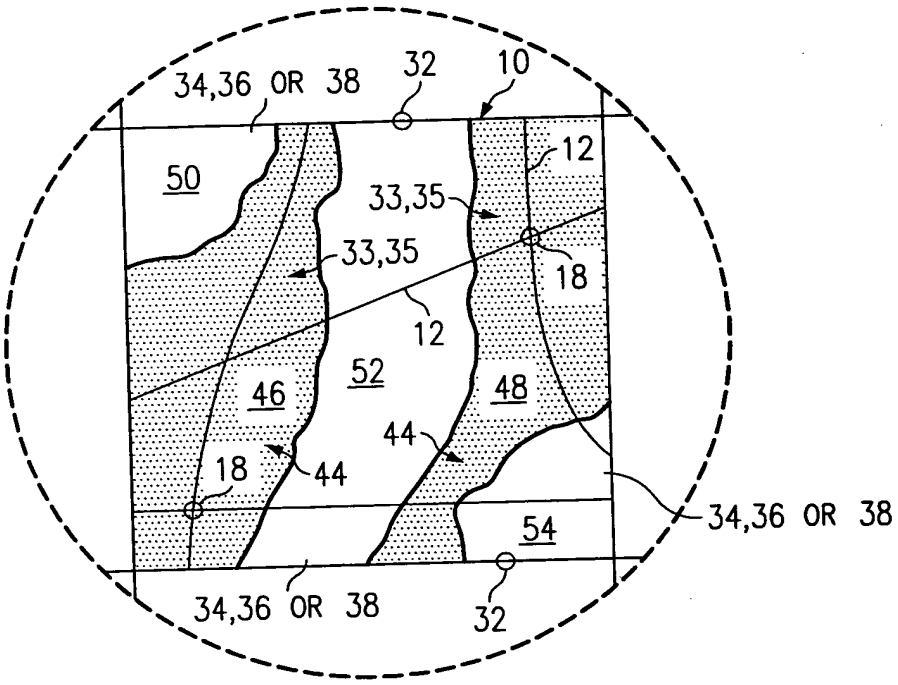

SAM SCHOOL ROAD
33,35,44
32
208
SHADO CREEK
PLANT
AVENUE
RM9
FRENCH
583
586
587
590
591
593
594
598
601
602
604
605
612
614
615
617
POST OAK
206
22
ZONE X
204
OF FLOODWAY
KIRKWOOD BRANCH
16
ZONE AE
500
CITY OF WESTLAKE
CITY OF SOUTHLAKE
DOVE STREET
202
606
610
MOCKINGBIRD STREET
PHEASANT
HIGGINS BRANCH
12
18
30
200
SLEEPY HOLLOW
DAM
617
629
LIMIT OF DETAILED STUDY
CITY OF SOUTHLAKE
CITY OF WESTLAKE
10
34
A
B
C

FIG. 2


34,36 OR 38
32
10
12
50
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18
12
52
46
48
44
18
44
54
34,36 OR 38
34,36 OR 38
32

FIG. 4

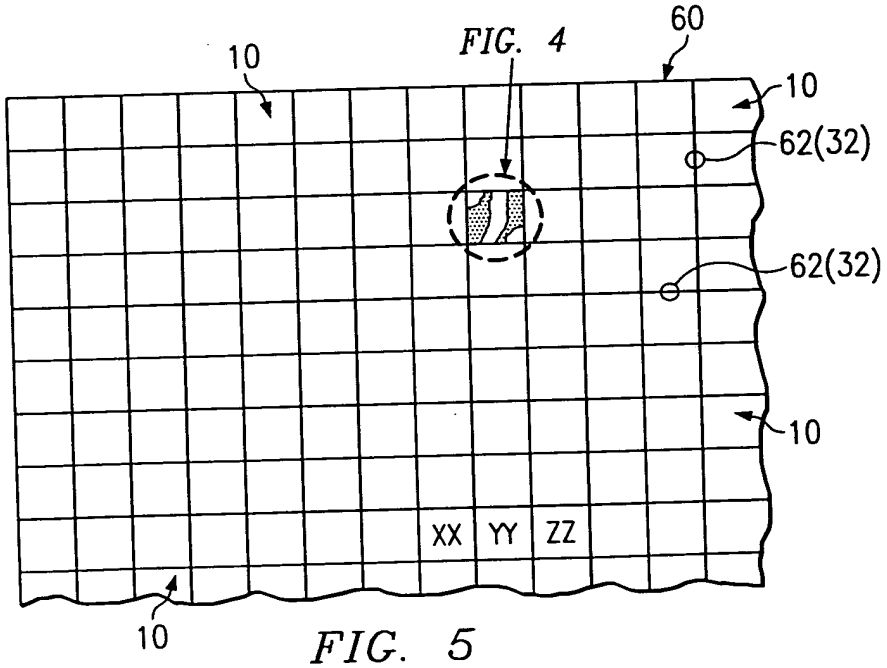


FIG. 4
60
10
10
62(32)
62(32)
10
XX
YY
ZZ
10

FIG. 5

FIG. 6

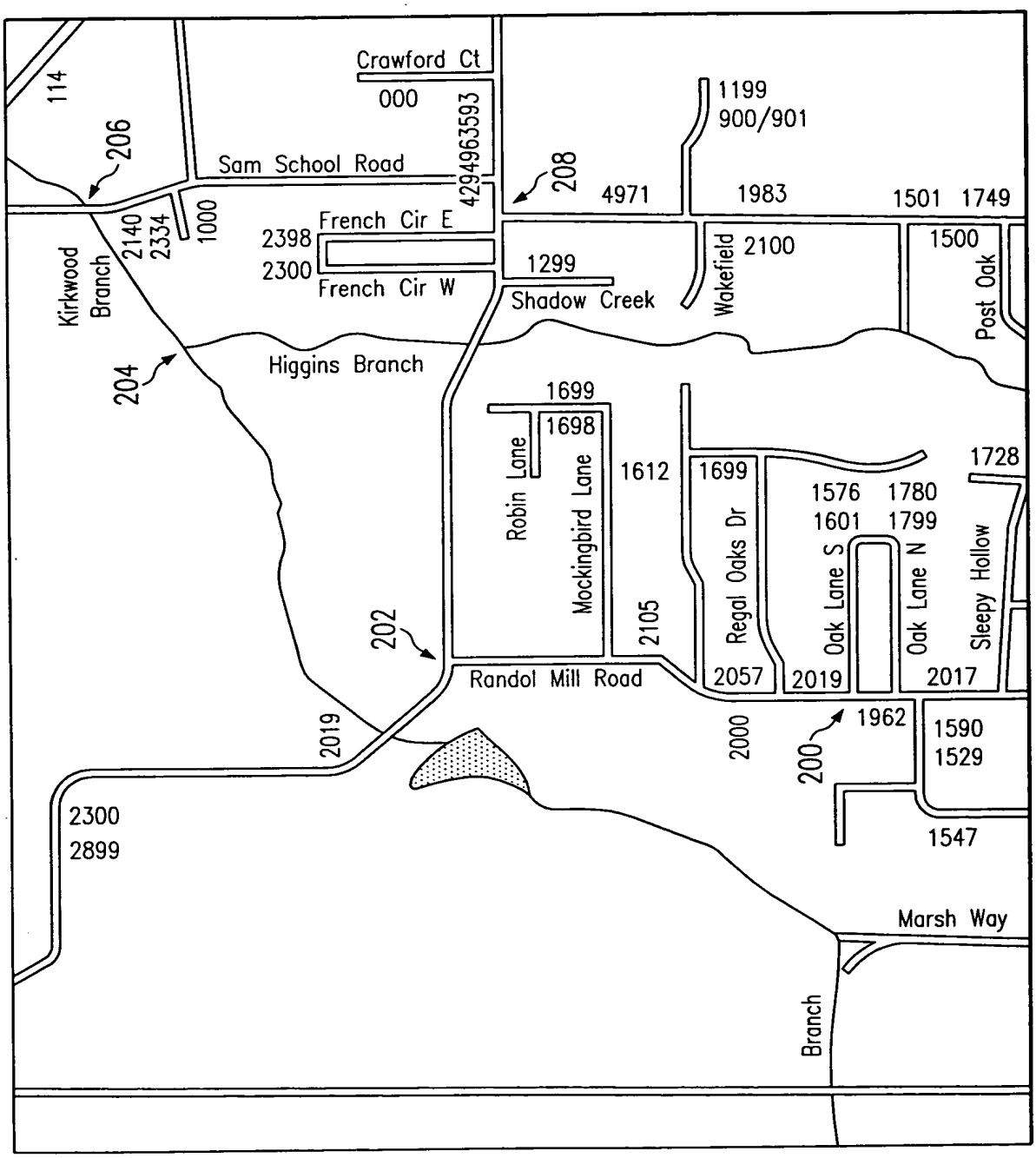

Crawford Ct
000
4294963593
114
206
Sam School Road
208
1199
900/901
4971
1983
1501 1749
1000
2140
2334
French Cir E
2398
2300
French Cir W
1299
Shadow Creek
Wakefield
2100
1500
Post Oak
Kirkwood Branch
204
Higgins Branch
1699
1698
Robin Lane
Mockingbird Lane
1612
2105
1699
Regal Oaks Dr
1576
1601
1780
1799
Oak Lane S
Oak Lane N
1728
Sleepy Hollow
202
Randol Mill Road
2057
2019
2017
2019
2000
200
1962
1590
1529
1547
2300
2899
Marsh Way
Branch

FIG. 7

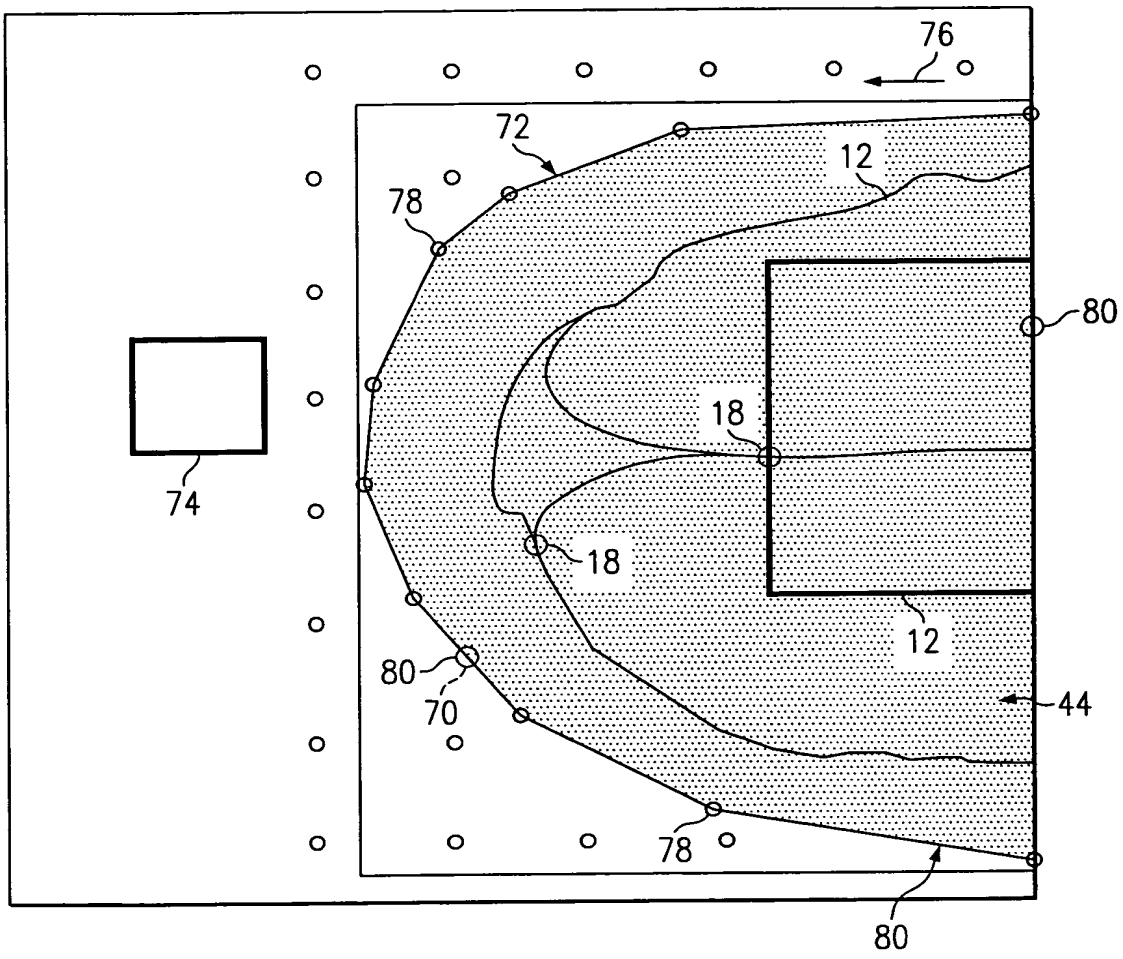
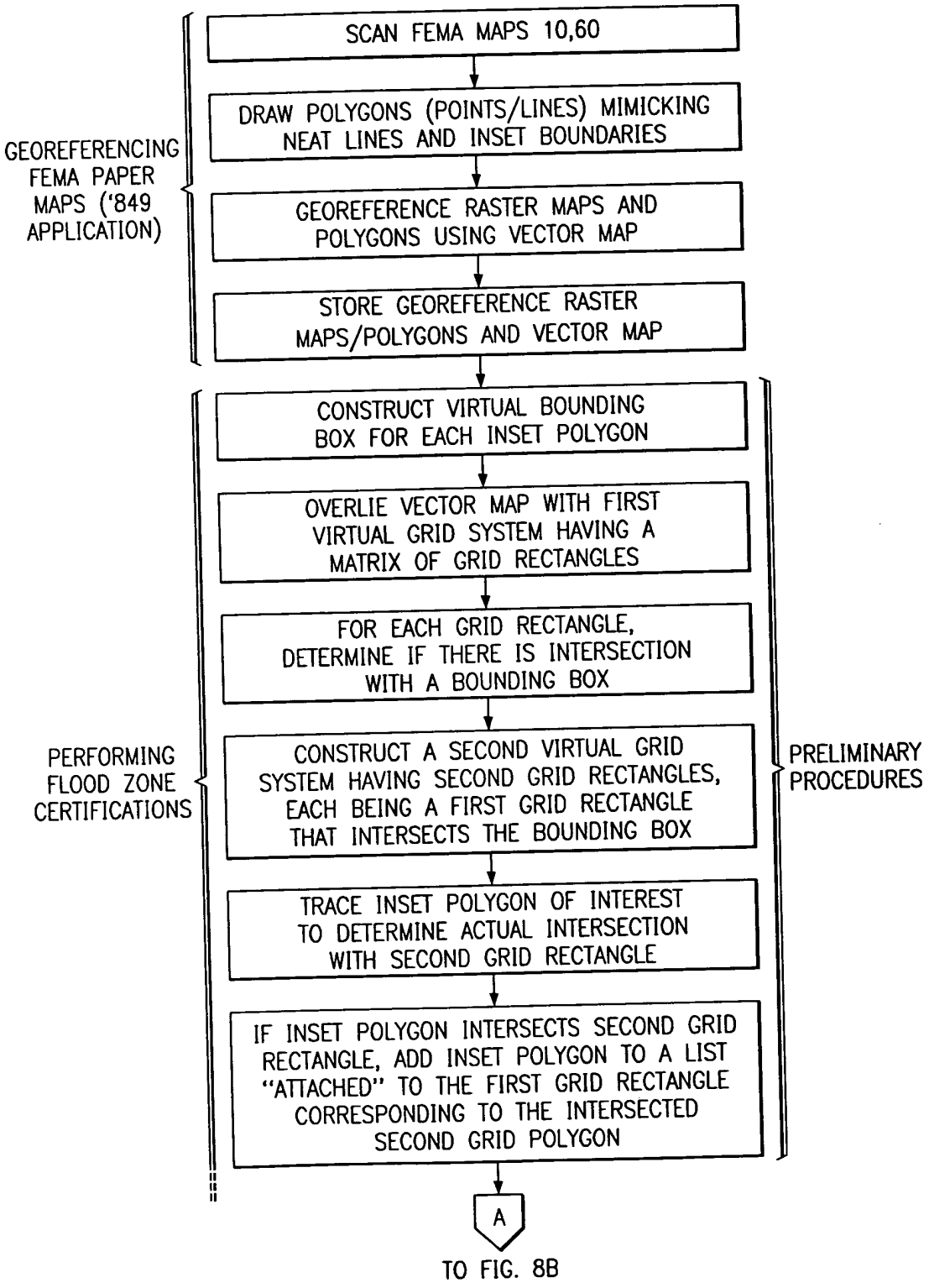


FIG. 8A


SCAN FEMA MAPS 10,60
DRAW POLYGONS (POINTS/LINES) MIMICKING NEAT LINES AND INSET BOUNDARIES
GEOREFERENCE RASTER MAPS AND POLYGONS USING VECTOR MAP
STORE GEOREFERENCE RASTER MAPS/POLYGONS AND VECTOR MAP
GEOREFERENCING FEMA PAPER MAPS ('849 APPLICATION)
CONSTRUCT VIRTUAL BOUNDING BOX FOR EACH INSET POLYGON
OVERLIE VECTOR MAP WITH FIRST VIRTUAL GRID SYSTEM HAVING A MATRIX OF GRID RECTANGLES
FOR EACH GRID RECTANGLE, DETERMINE IF THERE IS INTERSECTION WITH A BOUNDING BOX
CONSTRUCT A SECOND VIRTUAL GRID SYSTEM HAVING SECOND GRID RECTANGLES, EACH BEING A FIRST GRID RECTANGLE THAT INTERSECTS THE BOUNDING BOX
TRACE INSET POLYGON OF INTEREST TO DETERMINE ACTUAL INTERSECTION WITH SECOND GRID RECTANGLE
IF INSET POLYGON INTERSECTS SECOND GRID RECTANGLE, ADD INSET POLYGON TO A LIST "ATTACHED" TO THE FIRST GRID RECTANGLE CORRESPONDING TO THE INTERSECTED SECOND GRID POLYGON
PERFORMING FLOOD ZONE CERTIFICATIONS
PRELIMINARY PROCEDURES
A
TO FIG. 8B

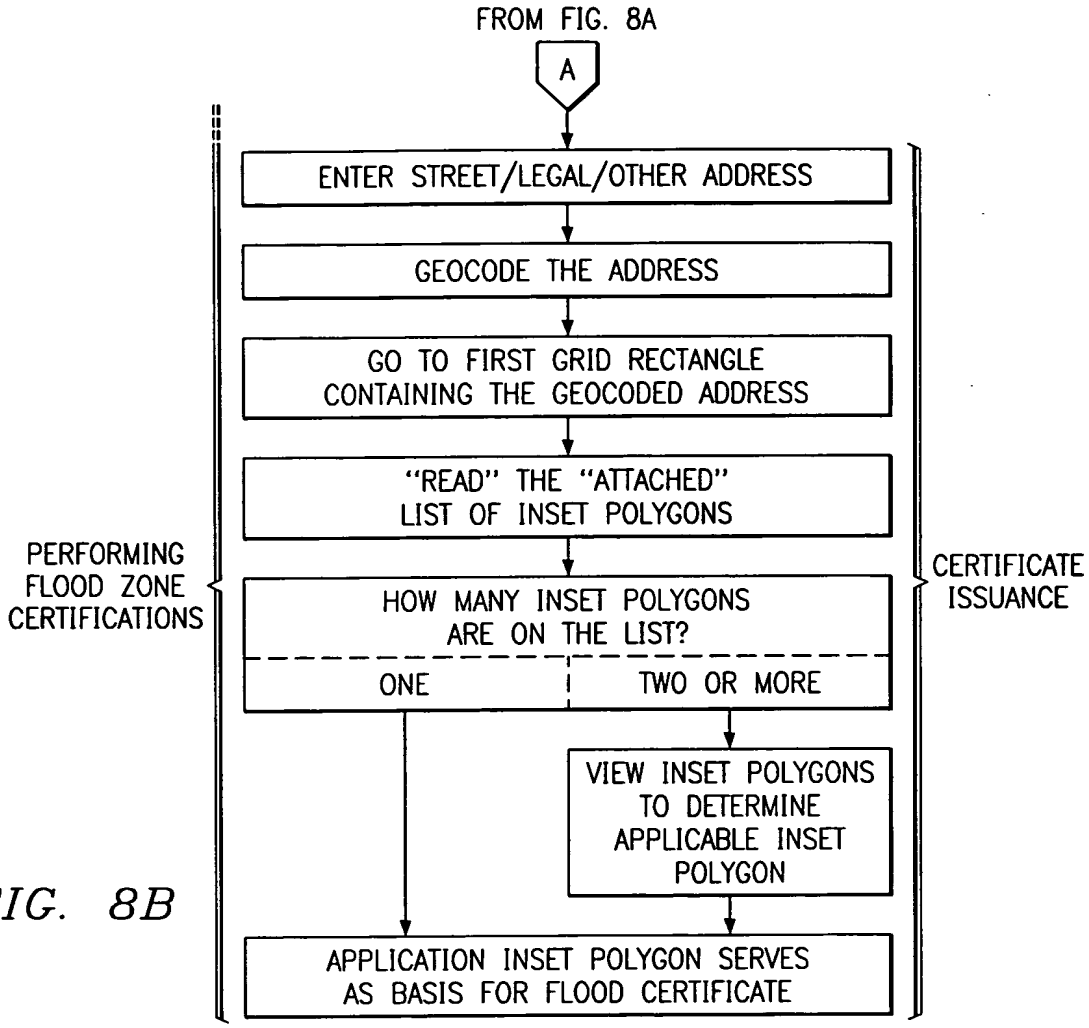

FROM FIG. 8A
A
ENTER STREET/LEGAL/OTHER ADDRESS
GEOCODE THE ADDRESS
GO TO FIRST GRID RECTANGLE CONTAINING THE GEOCODED ADDRESS
"READ" THE "ATTACHED" LIST OF INSET POLYGONS
HOW MANY INSET POLYGONS ARE ON THE LIST?
ONE
TWO OR MORE
VIEW INSET POLYGONS TO DETERMINE APPLICABLE INSET POLYGON
APPLICATION INSET POLYGON SERVES AS BASIS FOR FLOOD CERTIFICATE
PERFORMING FLOOD ZONE CERTIFICATIONS
CERTIFICATE ISSUANCE

FIG. 8B

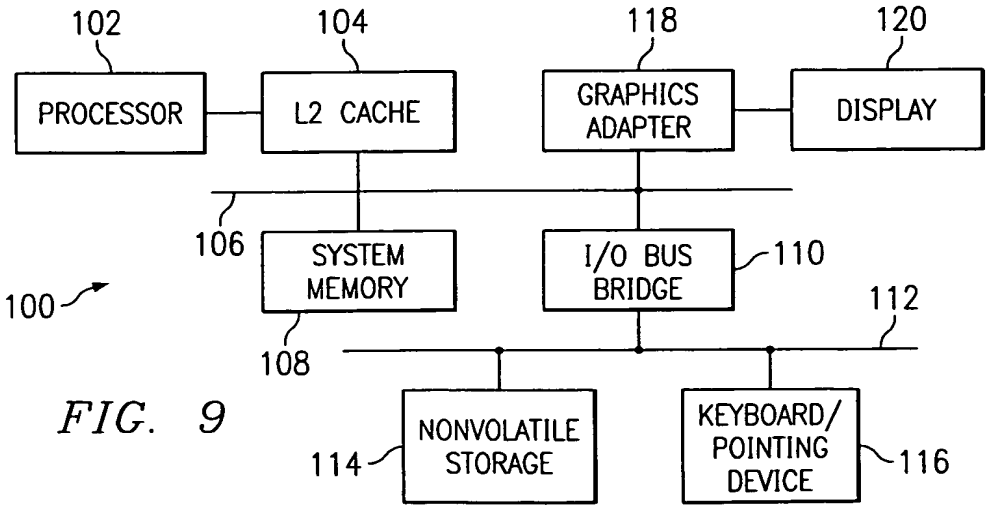
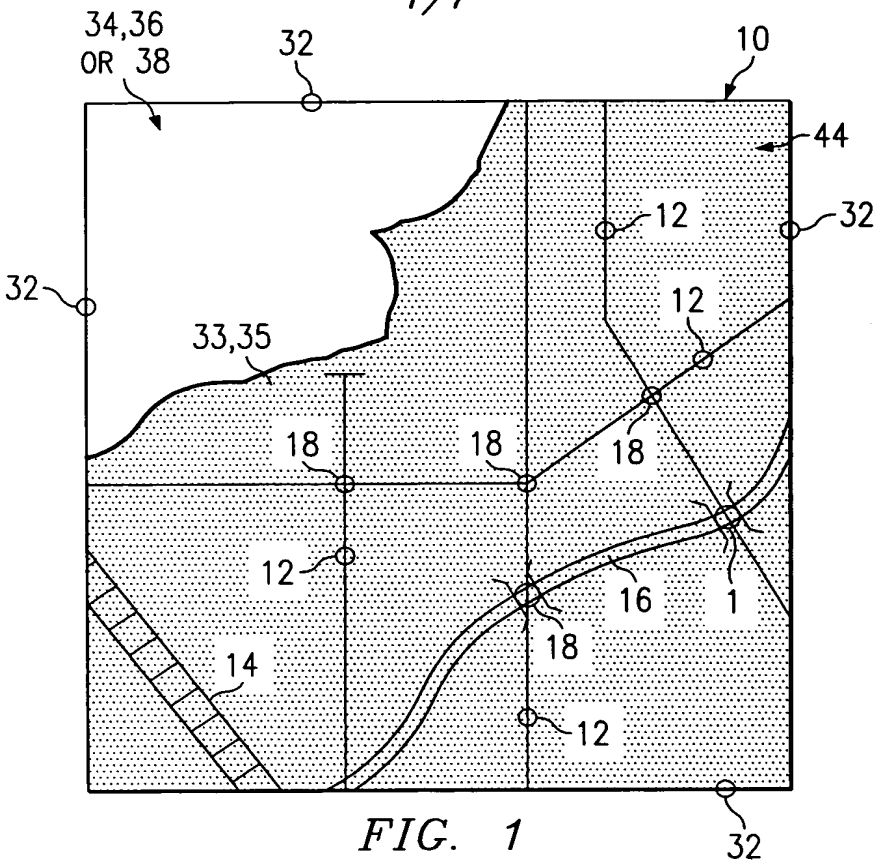

102
104
118
120
PROCESSOR
L2 CACHE
GRAPHICS ADAPTER
DISPLAY
106
SYSTEM MEMORY
I/O BUS BRIDGE
110
100
112
108
NONVOLATILE STORAGE
114
KEYBOARD/ POINTING DEVICE
116

FIG. 9


34,36
OR 38
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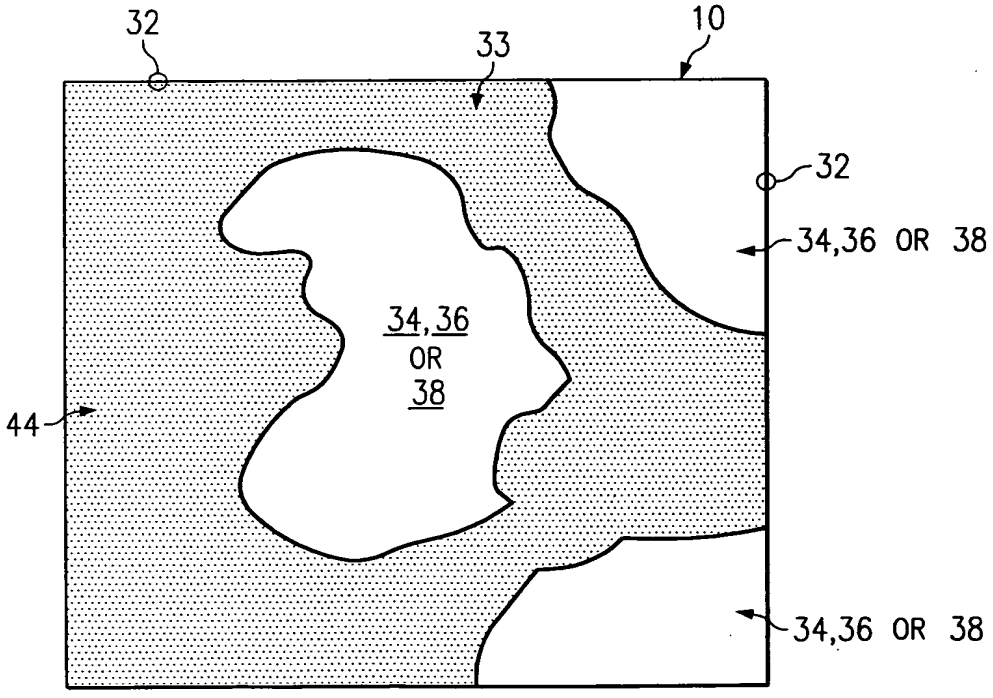
32

FIG. 1


32
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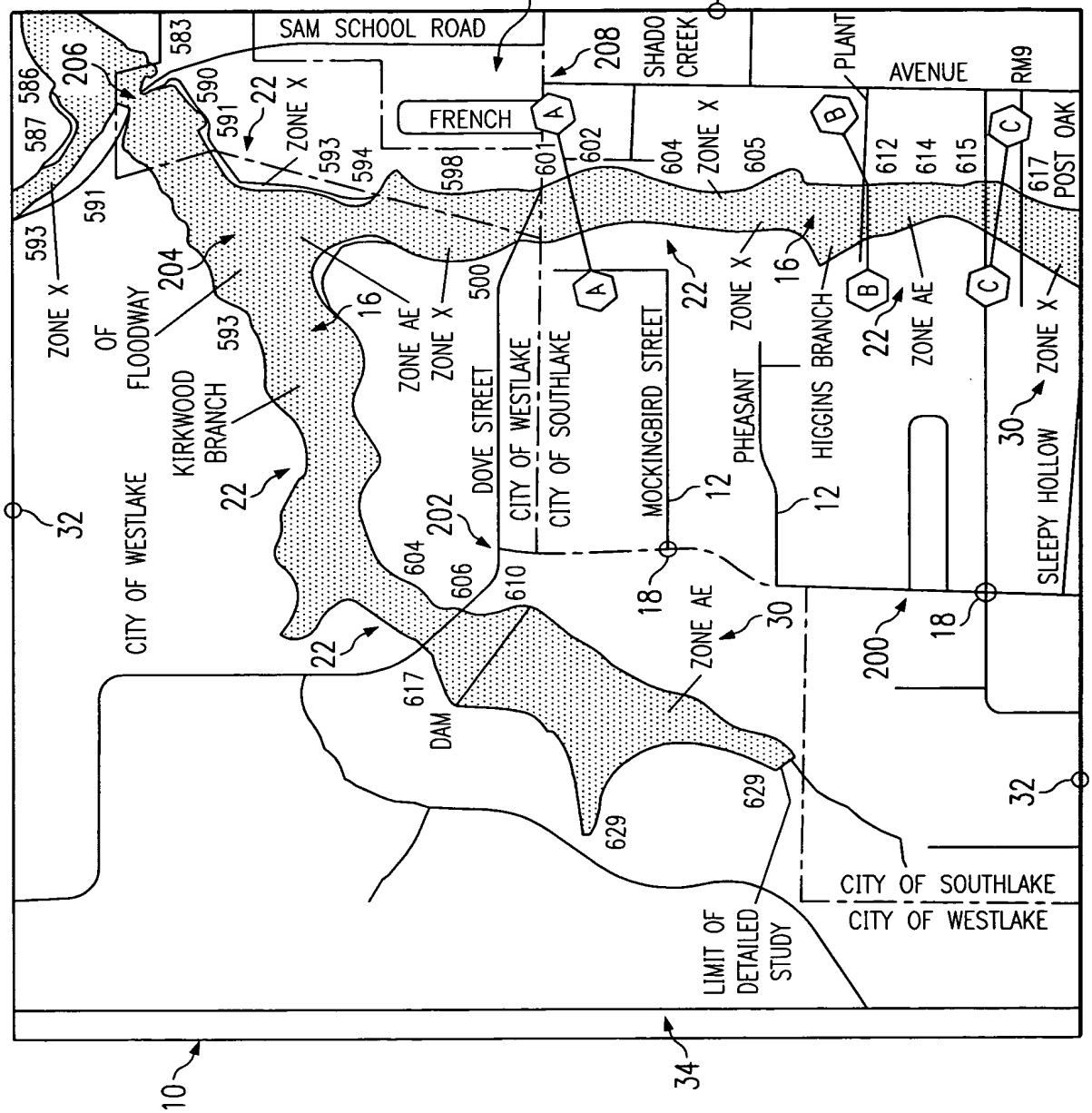
34,36 OR 38
34,36
OR
38
44
34,36 OR 38

FIG. 3


SAM SCHOOL ROAD
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SHADO CREEK
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AVENUE
RM9
FRENCH
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ZONE X
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ZONE AE
ZONE X
500
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ZONE X
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ZONE AE
ZONE X
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CITY OF WESTLAKE
KIRKWOOD BRANCH
DOVE STREET
202
CITY OF WESTLAKE
CITY OF SOUTHLAKE
MOCKINGBIRD STREET
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PHEASANT
HIGGINS BRANCH
606
610
18
ZONE AE
30
200
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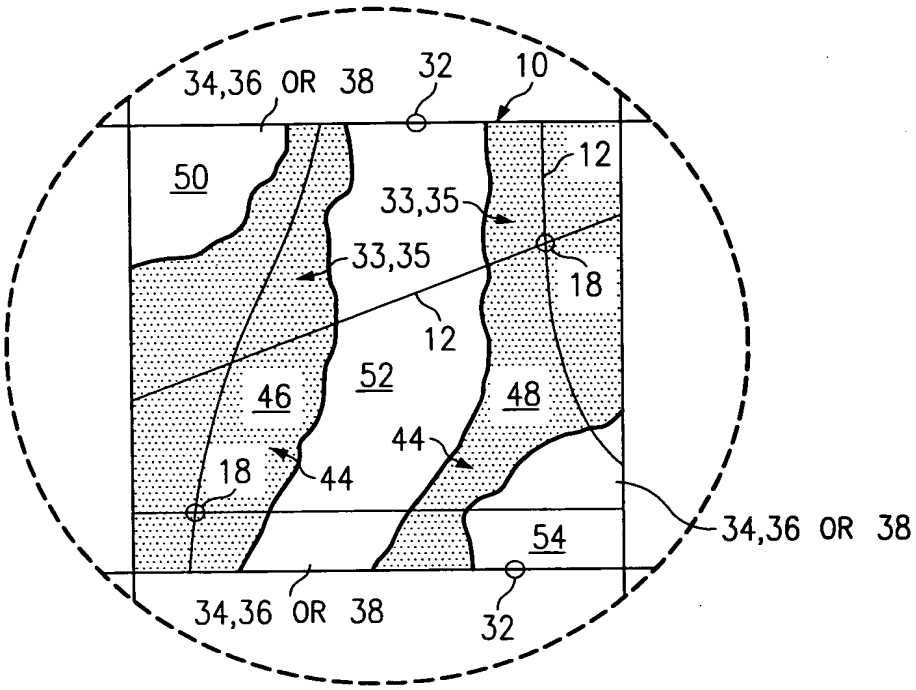
617
DAM
629
629
ZONE AE
32
CITY OF SOUTHLAKE
CITY OF WESTLAKE
LIMIT OF DETAILED STUDY
10
34

FIG. 2


34,36 OR 38
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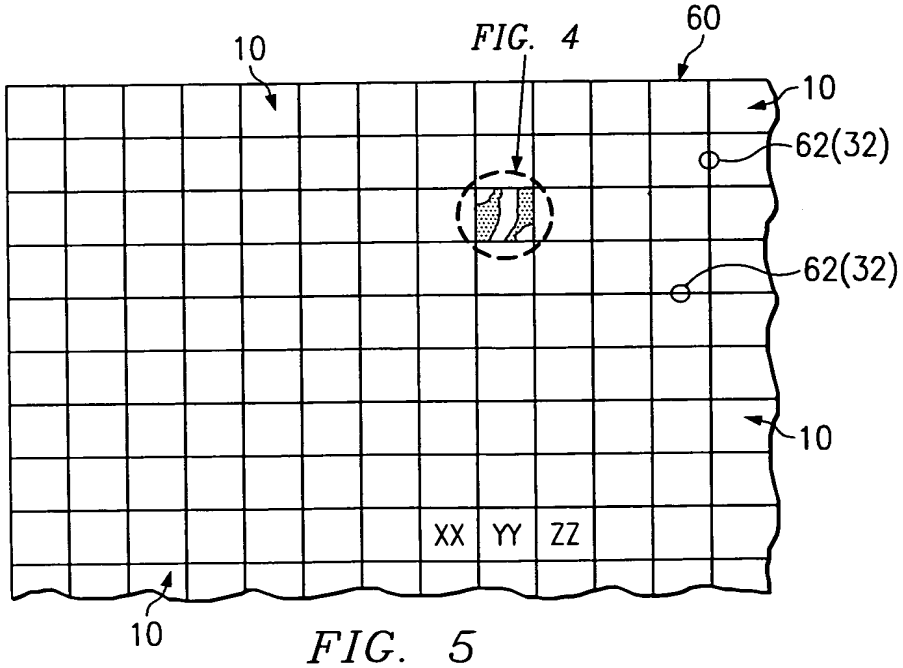
34,36 OR 38
34,36 OR 38
32

FIG. 4


10
FIG. 4
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62(32)
62(32)
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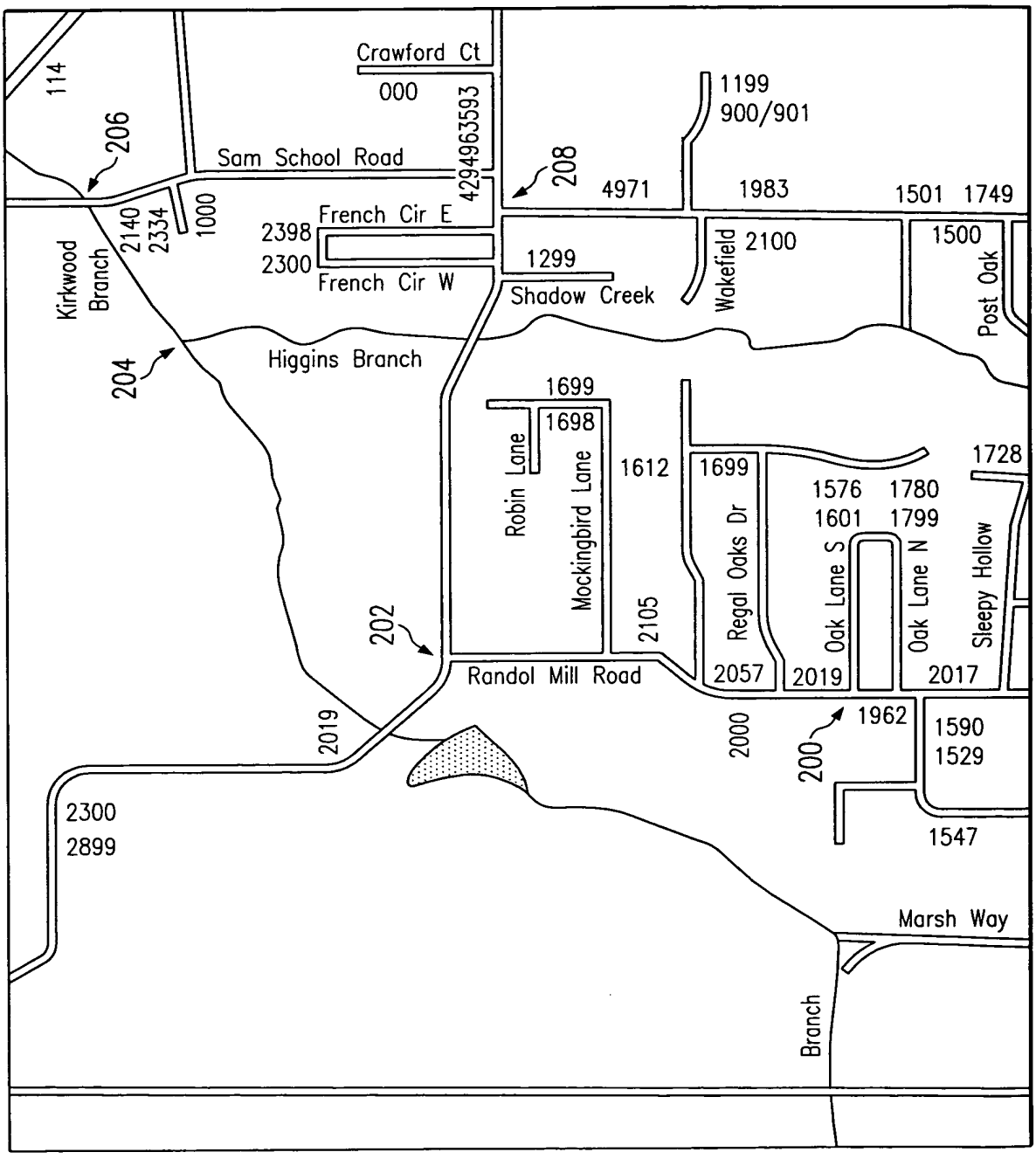
XX
YY
ZZ
10

FIG. 5

FIG. 6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2140
2334
French Cir E
2398
2300
French Cir W
1299
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Wakefield
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Post Oak
Kirkwood Branch
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Higgins Branch
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1698
Robin Lane
Mockingbird Lane
1612
2105
1699
Regal Oaks Dr
1576
1601
1780
1799
Oak Lane S
Oak Lane N
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Sleepy Hollow
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Randol Mill Road
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2017
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2000
200
1962
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2899
Marsh Way
Branch

FIG. 7

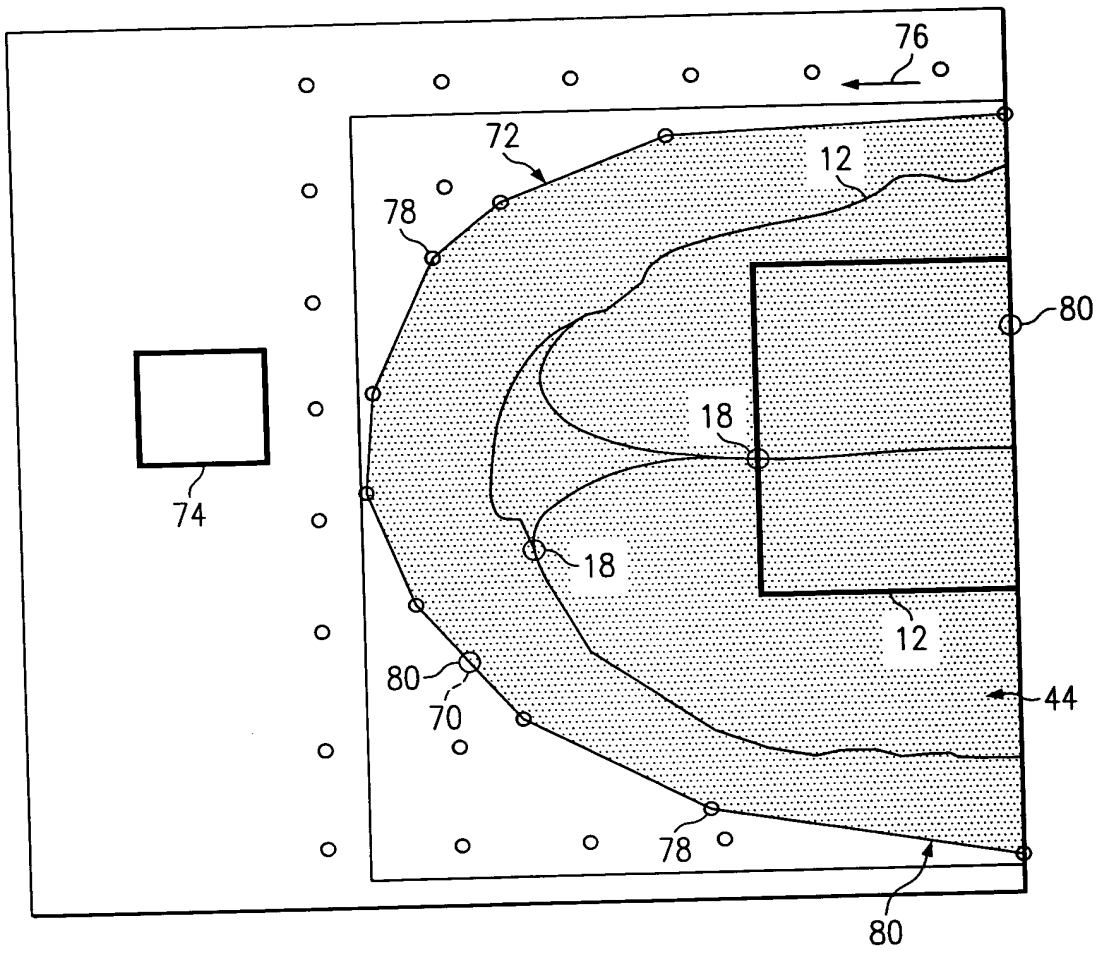
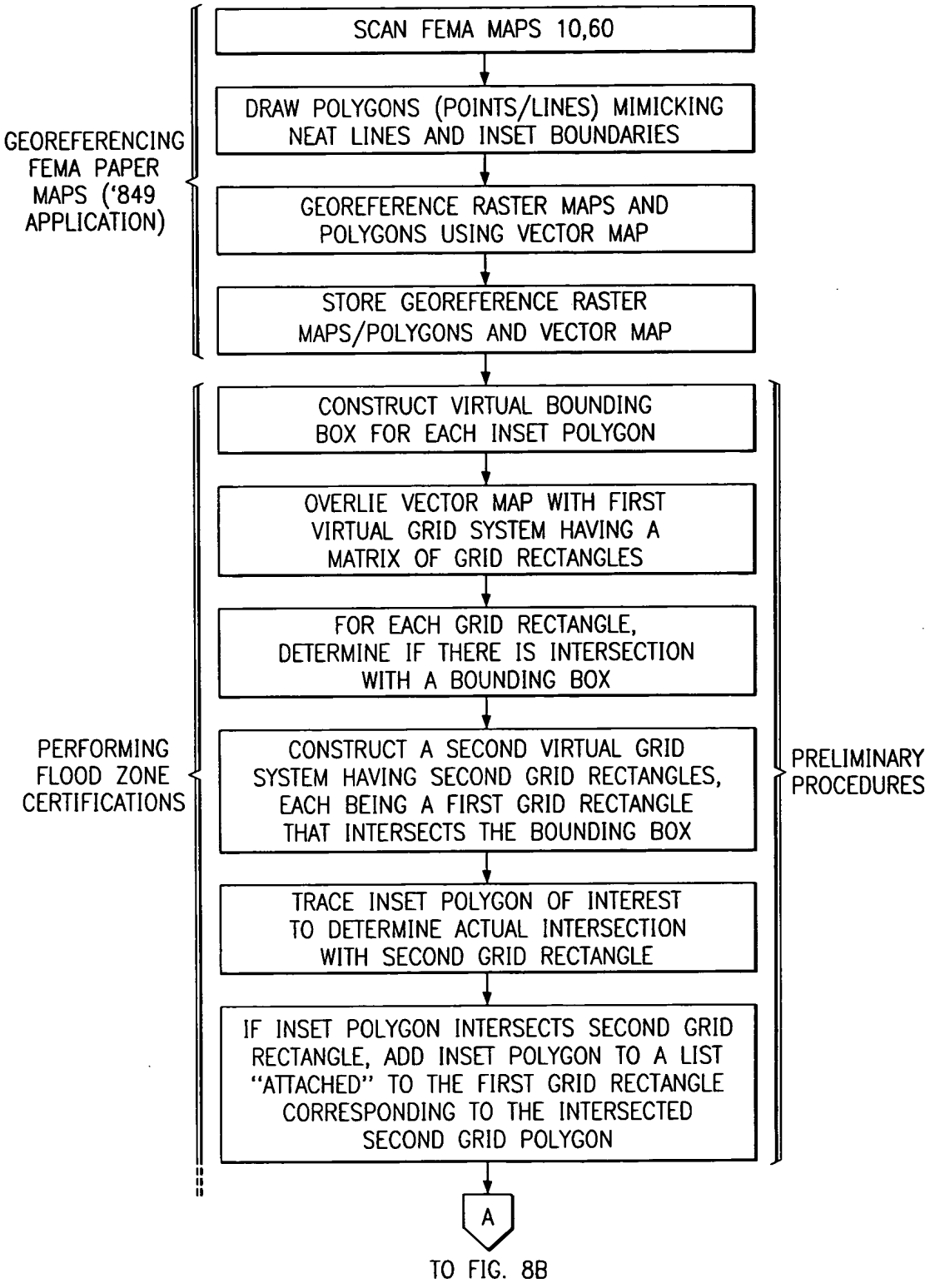
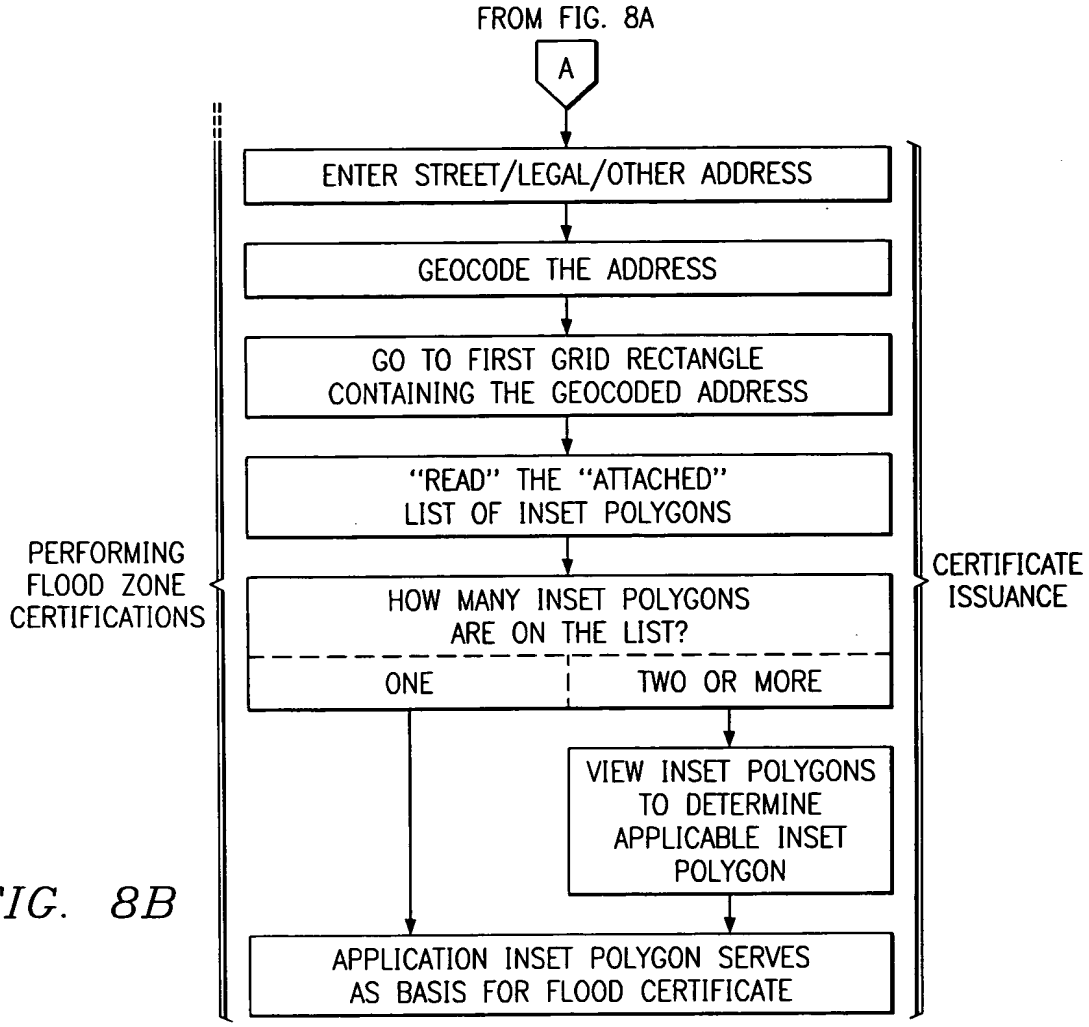


FIG. 8A



TO FIG. 8B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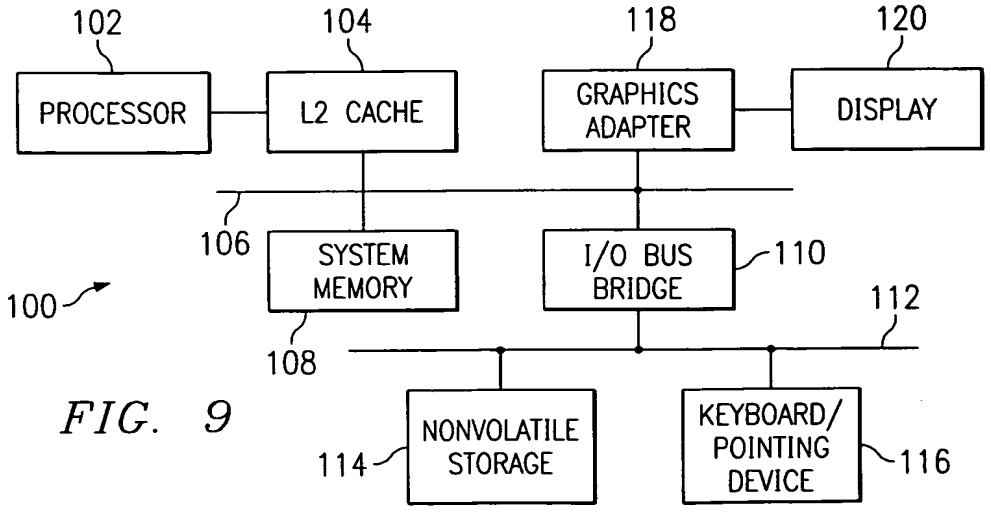
CERTIFICATE ISSUANCE

FIG. 8B


102
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GRAPHICS ADAPTER
DISPLAY
106
SYSTEM MEMORY
I/O BUS BRIDGE
110
100
112
108
NONVOLATILE STORAGE
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KEYBOARD/ POINTING DEVICE
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FIG. 9